Form 1449 (Modified) **Information Disclosure Statement By Applicant** (Use Several Sheets if Necessary)	Atty Docket No. TP011 Applicant: Walther et al. Filing Date 8/10/01	Application No.: 09/927,321 Group 2218

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
C&M	A	5,502,773	3/26/96	Tibbetts et al.	382	129	7/6/93
	B	5,853,979	12/29/98	Green et al.	435	5	6/30/95
	C	5,916,747	6/29/99	Gilchrist et al.	435	6	6/27/96
	D	6,043,036	3/28/00	McCormick et al.	435	6	11/24/97
	E	6,090,550	7/18/00	Collinge et al.	435	6	12/22/95
	F	6,236,944	5/22/01	Miller et al.	702	19	4/14/99
	G	6,228,593	5/8/01	Lipshutz et al.	435	6	1/14/00
	H	6,260,034	7/10/01	Björkesten	706	47	5/27/98
	I	6,208,941	3/27/01	Marks	702	20	9/16/97

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
C&M	J	Ewing et al., "Base-Calling of Automated Sequencer Traces Using *Phred*. I Accuracy Assessment", Genome Research, Vol. 8, pp 175-185, 1998.
	K	Ewing et al., "Base-Calling of Automated Sequencer Traces Using *Phred*. II Error Probabilities", Genome Research, Vol. 8, pp 186-194, 1998.
	L	Ives et al., "An Automated Film Reader for DNA Sequencing Based on Homomorphic Deconvolution", IEEE Transaction on Biochemical Engineering, Vol. 41, No.6, pp 509-519, June 1994.
	M	Walther, et al., "Basecalling with Lifetrace", Genome Research, Vol. 11, pp 875-888, 2001.

Examiner	Date Considered
C. Mu/k	December 18, 2003

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
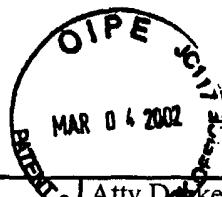
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(Use Several Sheets if Necessary) | Atty Docket No. ICTIP011 | Application No. 09/927,321 |
| Applicant: Walther et al. | |
| Filing Date 8/10/01 | Group 2218 |

U.S. Patent Documents

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
C5M	N	5,365,455	11/15/94	Tibbetts et al.	G06G	7/58	9/20/91
✓	O	5,273,632	12/28/93	Stockham et al.	B01D	57/02	11/19/92

Foreign Patent or Published Foreign Patent Application

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation Yes	No
C5M	P	WO 96/36872	21 Nov. 96	PCT	G01N	27/44	N/A	
	Q	WO 98/11258	19 Mar. 98	PCT	C12Q	1/68	N/A	
	R	WO 96/35810	14 Nov. 96	PCT	C12Q	1/68	N/A	
✓	S	WO 98/00708	8 Jan. 98	PCT	G01N	27/447	N/A	

Other Documents

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
C5M	T	Giddings et al., "An adaptive object oriented strategy for base calling in DNA sequence analysis", Nucleic Acids Research, 1993, Vol. 21, No. 19, pp 4530-4540.
	U	Richterich, P., "Estimation of Errors in "Raw" DNA Sequences: A Validation Study", Genome Research, Vol. 8, 1998, pp 251-259.
	V	Altshuler et al., "An SNP map of the human genome generated by reduced representation shotgun sequencing", Nature, Vol. 407, 28 Sept. 2000, pp 513-516.
	W	Buetow et al., "Reliable identification of large numbers of candidate SNPs from public EST data", Nature Genetics, Vol. 21, March 1999, pp 323-325.
	X	Giddings et al., "A Software System for Data Analysis in Automated DNA Sequencing", Genome Research, Vol. 8, pp 644-665, 1998.
✓	Y	Golden et al., "Pattern Recognition for Automated DNA Sequencing: I. On-line Signal Conditioning and Feature Extracting for Basecalling", Proceedings: First International Conference on Intelligent Systems for Molecular Biology, (ISMB-93), pp 136-144.

| Examiner C. Mu/f | Date Considered December 18, 2003 |

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.